	CCAQS PROJECT SUMMARY				
No.	CRPAQS Project (Existing Funds)	Budget	Status	Lead for Write-up	Project Sub-Group Members
	Improve emission estimates for urban ammonia sources	\$75,000	PC Approved SOW Development	Sweet	1 Tojot oub croup members
	Develop improvements to WRF to address performance deficiencies and	ψ. ο,οοο	. o / ppiorod com zorospinom	- Circuit	
	application to winter episodes	\$150,000	PC Approved SOW Development	Yin, ARB	Tanrikulu, Sweet, Arcemont, Coleman
	Develop improvements to the PM2.5 inventory to better reconcile with ambient	\$ 100,000		,	
	measurements	\$200,000	PC Approved SOW Development	Taylor, ARB; GICG	CCOS Gridded Inventory Coordination Group, GICG
	Update of CRPAQS conceptual model and synethsis of results	\$100,000	PC has already approved funding	Watson/Magliano	, , , , , , , , , , , , , , , , , , , ,
	Space of ord rigo conceptual moderana synothetic or recurs	ψ.ου,ουυ	. o nac anoual approved randing	Tratoon, magnano	
5	Conservation management practices evaluation	\$100,000	District directed funding	Sweet	Ag-Tech
	Raisin harvesting emissions study	\$20,000	PC has already approved funding	Sweet	Ag-Tech
	Chemical speciation of samples from 2 urban monitors in the SJV for one year	\$60,000	High end of range is \$180,000 for more years	Klassen	rig recii
	Chemical speciation of samples from 1 rural monitor in the SJV for one year	\$75,000	High end of range is \$150,000 for more years	Klassen	
Ŭ	TOTAL: EXISTING CRPAQS FUNDS	\$780,000	riigir eria er railige ie ¢ ree,eee ier mere yeare	1.1000011	
		4.00,000			
oject#	CCOS Project (Existing Funds) Integration and Synthesis (I&S)	Budget	Status	Lead for Write-up	Project Sub-Group Members
III-10	Link Data Analysis and Modeling Efforts (III-10)	\$100,000	Merging; Awaiting TC Approval	Reynolds	Hughes, Kaduwela; Sweet; Tanrikulu
	Refine Conceptual Model (III-19)	\$100,000	Merging; Awaiting TC Approval	Reynolds	Hughes, Kaduwela, Sweet, Tarrikulu Hughes, Kaduwela; Sweet; Tanrikulu
	Integrate CCOS and CRPAQS Findings (III-20)	\$100,000	Merging; Awaiting TC Approval	Reynolds	Hughes, Kaduwela; Sweet; Tanrikulu Hughes, Kaduwela; Sweet; Tanrikulu
III-2U	Prepare and Publish CCOS Summary Document, Scientific Papers, Final Synthesis	φου,υυυ	iviciging, Awaiting 10 Approval	Reynolus	riugiles, Kaduwela, Sweet, Tallikulu
III 21	Document and hold CCOS Conference (III-21)	\$110,000	Marging: Awaiting TC Approval	Reynolds	Hughes, Kaduwela; Sweet; Tanrikulu
III-21		\$390,000	Merging; Awaiting TC Approval	reynolus	Trugiles, Naduwela, Sweet, Tallikulu
	Subtotal Emission Inventory Development (EID)	\$39U,000			
		+			
	Develop factors to represent seasonal trucking in base year and future CCOS				
	modeling inventories (N3); AND				
	Improve the temporal and spatial distribution of on-road motor vehicle emissions on	\$20E 000	DC Beguested Manadata	Paniamin/Cov. APP	CCOS Cridded Inventory Consultration Comm. C100
3 & N9	weekend days (N9)	\$325,000	PC Requested More Info	Benjamin/Sax, ARB	CCOS Gridded Inventory Coordination Group, GICG
	Subtotal	\$325,000			
NAO.	Model Development & Evaluation (MD&E)	000.000	In active DD CD CCCCC	Kadawala ADD	
	Reinvestigate September 2000 episode (N12)	\$80,000	Inactive - DROP??????	Kaduwela, ARB	
III-14	Provide web access of modeling results (III-14)	\$30,000	Inactive - DROP??????? (CCOS New #7)	Tanrikulu I	
	Subtotal Corroborative Data Analysis (CA)	\$110,000			
	Technical review and summary of CCOS results that could be used as corroborative	l l			
	analysis (III-8 Part 1) (Scope was refined at PC Mtg)	\$35,000	Innetitive DDOD2222222	Kaduusla ADD	
			Inactive - DROP??????	Kaduwela, ARB	
		\$35,000			
	Review, develop, and evaluate improved approaches for corroborative analyses (III-			Sugar	Tanailania
	Review, develop, and evaluate improved approaches for corroborative analyses (III-8 Part 2)	\$130,000	Awaiting TC discussion and PC approval	Sweet	Tanrikulu
	Review, develop, and evaluate improved approaches for corroborative analyses (III-			Sweet	Tanrikulu
	Review, develop, and evaluate improved approaches for corroborative analyses (III-8 Part 2) Subtotal	\$130,000 \$165,000		Sweet	Tanrikulu
	Review, develop, and evaluate improved approaches for corroborative analyses (III-8 Part 2)	\$130,000		Sweet	Tanrikulu
	Review, develop, and evaluate improved approaches for corroborative analyses (III-8 Part 2) Subtotal	\$130,000 \$165,000		Sweet	Tanrikulu
II-8b	Review, develop, and evaluate improved approaches for corroborative analyses (III-8 Part 2) Subtotal TOTAL: EXISTING CCOS FUNDS CCOS Project (New Funds)	\$130,000 \$165,000		Sweet Lead for Write-up	Tanrikulu Project Sub-Group Members
II-8b oject#	Review, develop, and evaluate improved approaches for corroborative analyses (III-8 Part 2) Subtotal TOTAL: EXISTING CCOS FUNDS CCOS Project (New Funds) Develop improvements to spatial and temporal allocation of mobile source emission	\$130,000 \$165,000 \$990,000	Awaiting TC discussion and PC approval Status	Lead for Write-up	Project Sub-Group Members
I-8b Dject#	Review, develop, and evaluate improved approaches for corroborative analyses (III-8 Part 2) Subtotal TOTAL: EXISTING CCOS FUNDS CCOS Project (New Funds) Develop improvements to spatial and temporal allocation of mobile source emission estimates	\$130,000 \$165,000 \$990,000 Budget \$300,000	Awaiting TC discussion and PC approval Status PC Requested More Info	Lead for Write-up Benjamin/Sax, ARB	Project Sub-Group Members CCOS Gridded Inventory Coordination Group, GICG
oject#	Review, develop, and evaluate improved approaches for corroborative analyses (III-8 Part 2) Subtotal TOTAL: EXISTING CCOS FUNDS CCOS Project (New Funds) Develop improvements to spatial and temporal allocation of mobile source emission	\$130,000 \$165,000 \$990,000	Awaiting TC discussion and PC approval Status	Lead for Write-up	Project Sub-Group Members CCOS Gridded Inventory Coordination Group, GICG CCOS Gridded Inventory Coordination Group, GICG
oject#	Review, develop, and evaluate improved approaches for corroborative analyses (III-8 Part 2) Subtotal TOTAL: EXISTING CCOS FUNDS CCOS Project (New Funds) Develop improvements to spatial and temporal allocation of mobile source emission estimates Develop improvements to construction emission estimates	\$130,000 \$165,000 \$990,000 Budget \$300,000 \$100,000	Awaiting TC discussion and PC approval Status PC Requested More Info PC Requested More Info	Lead for Write-up Benjamin/Sax, ARB Benjamin/Sax/Livingston, ARB	Project Sub-Group Members CCOS Gridded Inventory Coordination Group, GICG CCOS Gridded Inventory Coordination Group, GICG Shaw, Anderson, Bohnenkamp, Reynolds, Arcemont,
oject# 1 2	Review, develop, and evaluate improved approaches for corroborative analyses (III-8 Part 2) Subtotal TOTAL: EXISTING CCOS FUNDS CCOS Project (New Funds) Develop improvements to spatial and temporal allocation of mobile source emission estimates Develop improvements to construction emission estimates Improve characterization of wildfire emissions and O3 formation mechanisms	\$130,000 \$165,000 \$990,000 Budget \$300,000 \$100,000	Awaiting TC discussion and PC approval Status PC Requested More Info	Lead for Write-up Benjamin/Sax, ARB Benjamin/Sax/Livingston, ARB Magliano/District Work Group	Project Sub-Group Members CCOS Gridded Inventory Coordination Group, GICG CCOS Gridded Inventory Coordination Group, GICG
oject# 1 2 3 4	Review, develop, and evaluate improved approaches for corroborative analyses (III-8 Part 2) Subtotal TOTAL: EXISTING CCOS FUNDS CCOS Project (New Funds) Develop improvements to spatial and temporal allocation of mobile source emission estimates Develop improvements to construction emission estimates Improve characterization of wildfire emissions and O3 formation mechanisms Establish account for administrative expenses	\$130,000 \$165,000 \$990,000 Budget \$300,000 \$100,000	Awaiting TC discussion and PC approval Status PC Requested More Info PC Requested More Info	Lead for Write-up Benjamin/Sax, ARB Benjamin/Sax/Livingston, ARB Magliano/District Work Group Sweet	Project Sub-Group Members CCOS Gridded Inventory Coordination Group, GICG CCOS Gridded Inventory Coordination Group, GICG Shaw, Anderson, Bohnenkamp, Reynolds, Arcemont,
oject# 1 2 3 4	Review, develop, and evaluate improved approaches for corroborative analyses (III-8 Part 2) Subtotal TOTAL: EXISTING CCOS FUNDS CCOS Project (New Funds) Develop improvements to spatial and temporal allocation of mobile source emission estimates Develop improvements to construction emission estimates Improve characterization of wildfire emissions and O3 formation mechanisms Establish account for administrative expenses Develop information to support feasibility studies identified in SJV and SMAQMD O3	\$130,000 \$165,000 \$990,000 Budget \$300,000 \$100,000 \$200,000 \$50,000	Awaiting TC discussion and PC approval Status PC Requested More Info PC Requested More Info	Lead for Write-up Benjamin/Sax, ARB Benjamin/Sax/Livingston, ARB Magliano/District Work Group Sweet Districts	Project Sub-Group Members CCOS Gridded Inventory Coordination Group, GICG CCOS Gridded Inventory Coordination Group, GICG Shaw, Anderson, Bohnenkamp, Reynolds, Arcemont,
oject# 1 2 3 4 5	Review, develop, and evaluate improved approaches for corroborative analyses (III-8 Part 2) Subtotal TOTAL: EXISTING CCOS FUNDS CCOS Project (New Funds) Develop improvements to spatial and temporal allocation of mobile source emission estimates Develop improvements to construction emission estimates Improve characterization of wildfire emissions and O3 formation mechanisms Establish account for administrative expenses Develop information to support feasibility studies identified in SJV and SMAQMD O3 SIPs	\$130,000 \$165,000 \$990,000 \$990,000 \$100,000 \$200,000 \$50,000 \$300,000	Awaiting TC discussion and PC approval Status PC Requested More Info PC Requested More Info PC Approved SOW Development " "	Lead for Write-up Benjamin/Sax, ARB Benjamin/Sax/Livingston, ARB Magliano/District Work Group Sweet Districts (\$100k for composting approved)	Project Sub-Group Members CCOS Gridded Inventory Coordination Group, GICG CCOS Gridded Inventory Coordination Group, GICG Shaw, Anderson, Bohnenkamp, Reynolds, Arcemont,
oject# 1 2 3 4 5 6	Review, develop, and evaluate improved approaches for corroborative analyses (III-8 Part 2) Subtotal TOTAL: EXISTING CCOS FUNDS CCOS Project (New Funds) Develop improvements to spatial and temporal allocation of mobile source emission estimates Develop improvements to construction emission estimates Improve characterization of wildfire emissions and O3 formation mechanisms Establish account for administrative expenses Develop information to support feasibility studies identified in SJV and SMAQMD O3 SIPs Characterize upwind ozone precursor measurements	\$130,000 \$165,000 \$990,000 \$300,000 \$100,000 \$200,000 \$300,000 \$300,000 \$250,000	Awaiting TC discussion and PC approval Status PC Requested More Info PC Requested More Info PC Approved SOW Development " Contract approved by PC	Lead for Write-up Benjamin/Sax, ARB Benjamin/Sax/Livingston, ARB Magliano/District Work Group Sweet Districts (\$100k for composting approved) Tanrikulu, BAAQMD	Project Sub-Group Members CCOS Gridded Inventory Coordination Group, GICG CCOS Gridded Inventory Coordination Group, GICG Shaw, Anderson, Bohnenkamp, Reynolds, Arcemont,
0ject# 1 2 3 4 5 6	Review, develop, and evaluate improved approaches for corroborative analyses (III-8 Part 2) Subtotal TOTAL: EXISTING CCOS FUNDS CCOS Project (New Funds) Develop improvements to spatial and temporal allocation of mobile source emission estimates Develop improvements to construction emission estimates Improve characterization of wildfire emissions and O3 formation mechanisms Establish account for administrative expenses Develop information to support feasibility studies identified in SJV and SMAQMD O3 SIPs	\$130,000 \$165,000 \$990,000 \$990,000 \$100,000 \$200,000 \$50,000 \$300,000	Awaiting TC discussion and PC approval Status PC Requested More Info PC Requested More Info PC Approved SOW Development " "	Lead for Write-up Benjamin/Sax, ARB Benjamin/Sax/Livingston, ARB Magliano/District Work Group Sweet Districts (\$100k for composting approved)	Project Sub-Group Members CCOS Gridded Inventory Coordination Group, GICG CCOS Gridded Inventory Coordination Group, GICG Shaw, Anderson, Bohnenkamp, Reynolds, Arcemont, Sweigert, Zulawnick
1 2 3 4 5 6 7	Review, develop, and evaluate improved approaches for corroborative analyses (III-8 Part 2) Subtotal TOTAL: EXISTING CCOS FUNDS CCOS Project (New Funds) Develop improvements to spatial and temporal allocation of mobile source emission estimates Develop improvements to construction emission estimates Improve characterization of wildfire emissions and O3 formation mechanisms Establish account for administrative expenses Develop information to support feasibility studies identified in SJV and SMAQMD O3 SIPs Characterize upwind ozone precursor measurements Establish funding for computer equipment and support	\$130,000 \$165,000 \$990,000 \$990,000 \$100,000 \$200,000 \$50,000 \$250,000 \$250,000	Status PC Requested More Info PC Requested More Info PC Requested More Info PC Approved SOW Development Contract approved by PC On Hold	Lead for Write-up Benjamin/Sax, ARB Benjamin/Sax/Livingston, ARB Magliano/District Work Group Sweet Districts (\$100k for composting approved) Tanrikulu, BAAQMD Policy Committee	Project Sub-Group Members CCOS Gridded Inventory Coordination Group, GICG CCOS Gridded Inventory Coordination Group, GICG Shaw, Anderson, Bohnenkamp, Reynolds, Arcemont, Sweigert, Zulawnick Tanrikulu, Arcemont, Sweet, Coleman,
1 2 3 4 5 6 7	Review, develop, and evaluate improved approaches for corroborative analyses (III-8 Part 2) Subtotal TOTAL: EXISTING CCOS FUNDS CCOS Project (New Funds) Develop improvements to spatial and temporal allocation of mobile source emission estimates Develop improvements to construction emission estimates Improve characterization of wildfire emissions and O3 formation mechanisms Establish account for administrative expenses Develop information to support feasibility studies identified in SJV and SMAQMD O3 SIPs Characterize upwind ozone precursor measurements	\$130,000 \$165,000 \$990,000 \$300,000 \$100,000 \$200,000 \$300,000 \$300,000 \$250,000	Awaiting TC discussion and PC approval Status PC Requested More Info PC Requested More Info PC Approved SOW Development " Contract approved by PC	Lead for Write-up Benjamin/Sax, ARB Benjamin/Sax/Livingston, ARB Magliano/District Work Group Sweet Districts (\$100k for composting approved) Tanrikulu, BAAQMD	Project Sub-Group Members CCOS Gridded Inventory Coordination Group, GICG CCOS Gridded Inventory Coordination Group, GICG Shaw, Anderson, Bohnenkamp, Reynolds, Arcemont, Sweigert, Zulawnick
1-8b 1-2 3 4 5 6 7	Review, develop, and evaluate improved approaches for corroborative analyses (III-8 Part 2) Subtotal TOTAL: EXISTING CCOS FUNDS CCOS Project (New Funds) Develop improvements to spatial and temporal allocation of mobile source emission estimates Develop improvements to construction emission estimates Improve characterization of wildfire emissions and O3 formation mechanisms Establish account for administrative expenses Develop information to support feasibility studies identified in SJV and SMAQMD O3 SIPs Characterize upwind ozone precursor measurements Establish funding for computer equipment and support Expand O3 cluster analysis to address PM	\$130,000 \$165,000 \$990,000 \$990,000 \$100,000 \$200,000 \$50,000 \$250,000 \$250,000	Status PC Requested More Info PC Requested More Info PC Requested More Info PC Approved SOW Development Contract approved by PC On Hold	Lead for Write-up Benjamin/Sax, ARB Benjamin/Sax/Livingston, ARB Magliano/District Work Group Sweet Districts (\$100k for composting approved) Tanrikulu, BAAQMD Policy Committee	Project Sub-Group Members CCOS Gridded Inventory Coordination Group, GICG CCOS Gridded Inventory Coordination Group, GICG Shaw, Anderson, Bohnenkamp, Reynolds, Arcemont, Sweigert, Zulawnick Tanrikulu, Arcemont, Sweet, Coleman,
1 2 3 4 5 6 7	Review, develop, and evaluate improved approaches for corroborative analyses (III-8 Part 2) Subtotal TOTAL: EXISTING CCOS FUNDS CCOS Project (New Funds) Develop improvements to spatial and temporal allocation of mobile source emission estimates Develop improvements to construction emission estimates Improve characterization of wildfire emissions and O3 formation mechanisms Establish account for administrative expenses Develop information to support feasibility studies identified in SJV and SMAQMD O3 SIPs Characterize upwind ozone precursor measurements Establish funding for computer equipment and support	\$130,000 \$165,000 \$990,000 \$990,000 \$100,000 \$200,000 \$50,000 \$250,000 \$250,000	Status PC Requested More Info PC Requested More Info PC Requested More Info PC Approved SOW Development Contract approved by PC On Hold	Lead for Write-up Benjamin/Sax, ARB Benjamin/Sax/Livingston, ARB Magliano/District Work Group Sweet Districts (\$100k for composting approved) Tanrikulu, BAAQMD Policy Committee	Project Sub-Group Members CCOS Gridded Inventory Coordination Group, GICG CCOS Gridded Inventory Coordination Group, GICG Shaw, Anderson, Bohnenkamp, Reynolds, Arcemont, Sweigert, Zulawnick Tanrikulu, Arcemont, Sweet, Coleman,
oject# 1 2 3 4 5 6 7	Review, develop, and evaluate improved approaches for corroborative analyses (III-8 Part 2) Subtotal TOTAL: EXISTING CCOS FUNDS CCOS Project (New Funds) Develop improvements to spatial and temporal allocation of mobile source emission estimates Develop improvements to construction emission estimates Improve characterization of wildfire emissions and O3 formation mechanisms Establish account for administrative expenses Develop information to support feasibility studies identified in SJV and SMAQMD O3 SIPs Characterize upwind ozone precursor measurements Establish funding for computer equipment and support Expand O3 cluster analysis to address PM TOTAL: NEW CCOS FUNDS	\$130,000 \$165,000 \$990,000 \$990,000 \$100,000 \$200,000 \$50,000 \$250,000 \$250,000 \$250,000 \$1,540,000	Status PC Requested More Info PC Requested More Info PC Requested More Info PC Approved SOW Development " Contract approved by PC On Hold PC Approved SOW Development	Lead for Write-up Benjamin/Sax, ARB Benjamin/Sax/Livingston, ARB Magliano/District Work Group Sweet Districts (\$100k for composting approved) Tanrikulu, BAAQMD Policy Committee Paloglozu, Shah/Larsen, ARB	Project Sub-Group Members CCOS Gridded Inventory Coordination Group, GICG CCOS Gridded Inventory Coordination Group, GICG Shaw, Anderson, Bohnenkamp, Reynolds, Arcemont, Sweigert, Zulawnick Tanrikulu, Arcemont, Sweet, Coleman, Shipp, Zulawnik, Kaduwela, Avise
roject# 1 2 3 4 5 6 7	Review, develop, and evaluate improved approaches for corroborative analyses (III-8 Part 2) Subtotal TOTAL: EXISTING CCOS FUNDS CCOS Project (New Funds) Develop improvements to spatial and temporal allocation of mobile source emission estimates Develop improvements to construction emission estimates Improve characterization of wildfire emissions and O3 formation mechanisms Establish account for administrative expenses Develop information to support feasibility studies identified in SJV and SMAQMD O3 SIPs Characterize upwind ozone precursor measurements Establish funding for computer equipment and support Expand O3 cluster analysis to address PM	\$130,000 \$165,000 \$990,000 \$990,000 \$100,000 \$200,000 \$50,000 \$250,000 \$250,000	Status PC Requested More Info PC Requested More Info PC Reproved SOW Development " Contract approved by PC On Hold PC Approved SOW Development	Lead for Write-up Benjamin/Sax, ARB Benjamin/Sax/Livingston, ARB Magliano/District Work Group Sweet Districts (\$100k for composting approved) Tanrikulu, BAAQMD Policy Committee	Project Sub-Group Members CCOS Gridded Inventory Coordination Group, GICG CCOS Gridded Inventory Coordination Group, GICG Shaw, Anderson, Bohnenkamp, Reynolds, Arcemont, Sweigert, Zulawnick Tanrikulu, Arcemont, Sweet, Coleman,
1 2 3 4 5 6 7 8 8	Review, develop, and evaluate improved approaches for corroborative analyses (III-8 Part 2) Subtotal TOTAL: EXISTING CCOS FUNDS CCOS Project (New Funds) Develop improvements to spatial and temporal allocation of mobile source emission estimates Develop improvements to construction emission estimates Improve characterization of wildfire emissions and O3 formation mechanisms Establish account for administrative expenses Develop information to support feasibility studies identified in SJV and SMAQMD O3 SIPs Characterize upwind ozone precursor measurements Establish funding for computer equipment and support Expand O3 cluster analysis to address PM TOTAL: NEW CCOS FUNDS Other, Potential Funding Considerations	\$130,000 \$165,000 \$990,000 \$990,000 \$100,000 \$200,000 \$250,000 \$250,000 \$250,000 \$90,000	Status PC Requested More Info PC Requested More Info PC Requested More Info PC Approved SOW Development Contract approved by PC On Hold PC Approved SOW Development Status Awaiting Avail. CCOS/CRPAQS Funds	Lead for Write-up Benjamin/Sax, ARB Benjamin/Sax/Livingston, ARB Magliano/District Work Group Sweet Districts (\$100k for composting approved) Tanrikulu, BAAQMD Policy Committee Paloglozu, Shah/Larsen, ARB	Project Sub-Group Members CCOS Gridded Inventory Coordination Group, GICG CCOS Gridded Inventory Coordination Group, GICG Shaw, Anderson, Bohnenkamp, Reynolds, Arcemont, Sweigert, Zulawnick Tanrikulu, Arcemont, Sweet, Coleman, Shipp, Zulawnik, Kaduwela, Avise
oject# 1 2 3 4 5 6 7 8	Review, develop, and evaluate improved approaches for corroborative analyses (III-8 Part 2) Subtotal TOTAL: EXISTING CCOS FUNDS CCOS Project (New Funds) Develop improvements to spatial and temporal allocation of mobile source emission estimates Develop improvements to construction emission estimates Improve characterization of wildfire emissions and O3 formation mechanisms Establish account for administrative expenses Develop information to support feasibility studies identified in SJV and SMAQMD O3 SIPs Characterize upwind ozone precursor measurements Establish funding for computer equipment and support Expand O3 cluster analysis to address PM TOTAL: NEW CCOS FUNDS	\$130,000 \$165,000 \$990,000 \$990,000 \$100,000 \$200,000 \$50,000 \$250,000 \$250,000 \$250,000 \$1,540,000	Status PC Requested More Info PC Requested More Info PC Reproved SOW Development " Contract approved by PC On Hold PC Approved SOW Development	Lead for Write-up Benjamin/Sax, ARB Benjamin/Sax/Livingston, ARB Magliano/District Work Group Sweet Districts (\$100k for composting approved) Tanrikulu, BAAQMD Policy Committee Paloglozu, Shah/Larsen, ARB	Project Sub-Group Members CCOS Gridded Inventory Coordination Group, GICG CCOS Gridded Inventory Coordination Group, GICG Shaw, Anderson, Bohnenkamp, Reynolds, Arcemont, Sweigert, Zulawnick Tanrikulu, Arcemont, Sweet, Coleman, Shipp, Zulawnik, Kaduwela, Avise
1 2 3 4 5 6 7 8	Review, develop, and evaluate improved approaches for corroborative analyses (III-8 Part 2) Subtotal TOTAL: EXISTING CCOS FUNDS CCOS Project (New Funds) Develop improvements to spatial and temporal allocation of mobile source emission estimates Develop improvements to construction emission estimates Improve characterization of wildfire emissions and O3 formation mechanisms Establish account for administrative expenses Develop information to support feasibility studies identified in SJV and SMAQMD O3 SIPs Characterize upwind ozone precursor measurements Establish funding for computer equipment and support Expand O3 cluster analysis to address PM TOTAL: NEW CCOS FUNDS Other, Potential Funding Considerations	\$130,000 \$165,000 \$990,000 \$990,000 \$100,000 \$200,000 \$250,000 \$250,000 \$250,000 \$90,000	Status PC Requested More Info PC Requested More Info PC Requested More Info PC Approved SOW Development Contract approved by PC On Hold PC Approved SOW Development Status Awaiting Avail. CCOS/CRPAQS Funds	Lead for Write-up Benjamin/Sax, ARB Benjamin/Sax/Livingston, ARB Magliano/District Work Group Sweet Districts (\$100k for composting approved) Tanrikulu, BAAQMD Policy Committee Paloglozu, Shah/Larsen, ARB	Project Sub-Group Members CCOS Gridded Inventory Coordination Group, GICG CCOS Gridded Inventory Coordination Group, GICG Shaw, Anderson, Bohnenkamp, Reynolds, Arcemont, Sweigert, Zulawnick Tanrikulu, Arcemont, Sweet, Coleman, Shipp, Zulawnik, Kaduwela, Avise

5/19/2009

	CCAQS PROJECT PROGRESS												5/19/200
		Dovolon	тс	DC.	Dovolon	TC	RFP	Contractor	BC.	Ctudy An	Contract	Contract	Contract
No.	CRPAQS Project (Existing Funds)	Develop SOW	Approv.	PC Approv.	Develop RFP	Approv.	Release	Contractor Selection	PC Approv.	Study Ag. Approv.	Contract Number	Contract Start	Contract End
1	Improve emission estimates for urban ammonia sources	~ JUNE ?	•										
2	Develop improvements to WRF to address performance deficiencies and application to winter episodes	MAY	July?										
3	Develop improvements to the PM2.5 inventory to better reconcile with ambient	IVIAT	July !										
	measurements	~ AUG											
4	Update of CRPAQS conceptual model and synethsis of results	~ AUG						DRI (Watson)	11/3/06				
5	Conservation management practices evaluation	cotton gins; Other Work?						USDA-ARS	11/13/08	3	/09 09-1PM	3/09	12/31/201
6	Raisin harvesting emissions study	~ JUNE ?						tbd	3/28/08	J.	103 03-11 W	3/03	12/31/201
7	Chemical speciation of samples from 2 urban monitors in the SJV for one year	~ JUNE ?											
8	Chemical speciation of samples from 1 rural monitor in the SJV for one year	~ JUNE ?											
		Develop	TC	PC	Develop	TC	RFP	Contractor	PC	Study Ag.	Contract	Contract	Contract
Project#	CCOS Project (Existing Funds)	sow	Approv.	Approv.	RFP	Approv.	Release	Selection	Approv.	Approv.	Number	Start	End
•	Integration and Synthesis (I&S)								•	•			
III-10	Link Data Analysis and Modeling Efforts (III-10)	JUNE						Reynolds					
III-19 III-20	Refine Conceptual Model (III-19) Integrate CCOS and CRPAQS Findings (III-20)	JUNE JUNE						Reynolds Reynolds					
111-20	Prepare and Publish CCOS Summary Document, Scientific Papers, Final Synthesis	JOINE						Reynolus					
III-21	Document and hold CCOS Conference (III-21)	JUNE						Reynolds					
	Entrate Leader Development (FID)												
	Emission Inventory Development (EID) Develop factors to represent seasonal trucking in base year and future CCOS												
	modeling inventories (N3); AND												
	Improve the temporal and spatial distribution of on-road motor vehicle emissions on												
N3 & N9	weekend days (N9)	SEPT											
	Model Development & Evaluation (MD&E)												
N12	Reinvestigate September 2000 episode (N12)	✓	✓	✓	✓	✓	✓	DROP?					
III-14	Provide web access of modeling results (III-14)	✓	DROP?										
	Corroborative Data Analysis (CA)												
	Technical review and summary of CCOS results that could be used as corroborative	<u> </u>											
III-8a	analysis (III-8 Part 1) (Scope was refined at PC Mtg)	DROP?											
	Review, develop, and evaluate improved approaches for corroborative analyses (III-												
III-8b	8 Part 2)	~ JUNE ?											
		Develop	TC	PC	Develop	TC	RFP	Contractor	PC	Study Ag.	Contract	Contract	Contract
Project#	CCOS Project (New Funds) Develop improvements to spatial and temporal allocation of mobile source emission	sow	Approv.	Approv.	RFP	Approv.	Release	Selection	Approv.	Approv.	Number	Start	End
1	estimates	SEPT											
2	Develop improvements to construction emission estimates	SEPT											
3	Improve characterization of wildfire emissions and O3 formation mechanisms	JUNE											
4	Establish account for administrative expenses	~ JUNE ?											
•	Develop information to support feasibility studies identified in SJV and SMAQMD O3												
5	SIPs	Other Work?			✓	✓	✓	San Diego State	2/18/09		09-01	4/09	
7	Characterize upwind ozone precursor measurements	✓ ON HOLD	~					T&B Systems	4/15/09	✓	09-02	5/09	6/30/201
		ONTIOLD											
	Establish funding for computer equipment and support												
8	Expand O3 cluster analysis to address PM	✓	July?										1
		✓	July?										
		✓	July?										
		Develop	July?	PC	Develop	TC	RFP	Contractor	PC	Study Aa.	Contract	Contract	Contract
	Expand O3 cluster analysis to address PM	Develop SOW		PC Approv.	Develop RFP	TC Approv.	RFP Release		PC Approv.	Study Ag. Approv.	Contract Number	Contract Start	Contract End
8 Project#	Expand O3 cluster analysis to address PM Other, Potential Funding Considerations	Develop SOW ON HOLD	TC										
8	Expand O3 cluster analysis to address PM	Develop SOW	TC										
8 Project#	Expand O3 cluster analysis to address PM Other, Potential Funding Considerations	Develop SOW ON HOLD	TC										